

Materials List for

# Generation and Culturing of High-Grade Serous Ovarian Cancer Patient-Derived Organoids

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jove.com/video/64878

## Materials

Name	Company	Catalog Number	Comments
1% HEPES	Life Technologies	15630080	
1% Penicillin-Streptomycin	Fisher Scientific	30002CI	
1.5 mL Eppendorf Tubes	Genesee Scientific	14125	
10 cm Tissue Culture Dish	TPP	93100	
10 mL Serological Pipet			
100 µm Cell Filter	MidSci	100ICS	
15 mL centrifuge tubes	Corning	430052	
2 mL Cryovial	Simport Scientific	T301-2	
2% Paraformaldehyde Fixative	Sigma-Aldrich		
37 °C water bath	NEST	602052	
3dGRO R-Spondin-1 Conditioned Media Supplement	Millipore Sigma	SCM104	
6 well plates	TPP	92006	
70% Ethanol	Sigma-Aldrich	R31541GA	
A83-01	Sigma-Aldrich	SML0788	
Advanced DMEM/F12	ThermoFisher	12634028	
Agar	Lamda Biotech	C121	
B-27	Life Technologies	17504044	
Centrifuge			
Cultrex Type 2	R&D Systems	3533-010-02	basement membrane extract
DNase I	New England Bio Labs	M0303S	
DNase I Reaction Buffer	New England Bio Labs	M0303S	
EGF	PeptoTech	AF-100-15	
FBS	Sigma-Aldrich	F2442	
FGF-10	PeptoTech	100-26	
FGF2	PeptoTech	100-18B	

gentleMACS C Tubes	Miltenyi BioTech	130-096-334	
gentleMACS Octo Dissociator with Heaters	Miltenyi BioTech	130-096-427	We use the manufacturers protocol.
GlutaMAX	Life Technologies	35050061	dipeptide, L-alanyl-L-glutamine
Hematoxylin and Eosin Staining Kit	Fisher Scientific	NC1470670	
Histoplast Paraffin Wax	Fisher Scientific	22900700	
Microcentrifuge			
Mr. Frosty Freezing Container	Fisher Scientific	07202363S	
N-acetylcysteine	Sigma-Aldrich	A9165	
Nicotinamide	Sigma-Aldrich	N0636	
p1000 Pipette with Tips			
p200 Pipette with Tips			
Pasteur Pipettes 9"	Fisher Scientific	1367820D	
PBS	Fisher Scientific	MT21031CM	
Pipet Controller			
Prostaglandin E2	R&D Systems	2296	
Puromycin	ThermoFisher	A1113802	
Recombinant Murine Noggin	PeptoTech	250-38	
Recovery Cell Culture Freezing Medium	Invitrogen	12648010	
Red Blood Cell Lysis Buffer	BioLegend	420301	
ROCK Inhibitor (Y-27632)	R&D Systems	1254/1	
SB202190	Sigma-Aldrich	S7076	
T75 Flask	MidSci	TP90076	
Tissue Culture Hood			
Tissue Embedding Cassette			
TrypLE Express	Invitrogen	12604013	animal origin-free, recombinant enzyme
Type II Collagenase	Life Technologies	17101015	
Vortex			